

## 상세보기

WIPS Patent Search



마이폴더저장

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Claims ( 4 ) | WIPS Family ( 3 )



(54) 다층 (多層) 배선부재의 제조 방법

- (19) 국가 (Country) : KR (Republic of Korea)
- (11) 등록/공개번호 (Patent Number) : 1991-0006244 (1991.08.17) (공개특허 : 1988-0013262 보기)
- (13) 문헌종류 (Kind of Document) : B1 (특허공보(광고))
- (21) 출원번호 (Application Number) : 1988-0004660 (1988.04.23)
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- (65) 공개번호 (Publication Number) : 1988-0013262 (1988.11.30)

▪ (57) 요약 (Abstract) :

대표도면 :

PURPOSE: To enhance the step coverage of a conductive film by a method wherein a liquid metal complex is coated on an insulating film, a metal is precipitated in a prescribed region, the conductive film is formed and the liquid metal complex in a region where the metal is not precipitated is removed so that the liquid metal complex is coated faithfully along a stepped shape in a base by means of fluidity of the liquid metal complex.

CONSTITUTION: A liquid metal complex MCP in which a silver halogenide such as AgI or the like is suspended in the form of fine crystals singly or as a mixture is coated on the surface of an interlayer insulating film IC. While a device is placed on a rotary table and is rotated, the complex MCP is dropped in the central part of rotation and is coated while the complex is stretched toward the circumference by a centrifugal force. The coated complex MCP is dried; the liquid metal complex MCP in an optical black part OB is exposed to light selectively; a latent image is formed. The complex MCP is developed and silver is precipitated selectively in the optical black part OB. In order to secure the light-shielding performance of a light-shielding film SF, the silver is precipitated with a film thickness of about 1  $\mu$ m. The complex MCP is fixed; the complex MCP in an unexposed part is removed; the light-shielding film SF composed of silver is formed.

- (51) 국제특허분류 (IPC 5판) :
- (30) 우선권번호 (Priority Number) : JP 1987-099736 (1987.04.24)
- 본 특허를 우선권으로 한 특허 : -
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